

# Product data sheet

Specifications



## APC Back-UPS 850VA, 120V, 2 USB charging ports

BE850M2

⚠ Discontinued on: Jun 1, 2021

⚠ End-of-service on: Nov 12, 2022

⚠ Discontinued

### Overview

Lead Time Usually in Stock

### Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated Power In W	450 W
Rated Power In Va	850 VA
Input Connection Type	NEMA 5-15P
Output Connection Type	6 NEMA 5-15R 3 NEMA 5-15R surge
Cable Length	1.52 m
Number Of Cables	1
Battery Type	Lead-acid battery
Provided Equipment	User manual USB cable

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Battery Recharge Time	8 h
Number Of Battery Replacement Quantity	1
Battery Charger Power	13 W rated
Battery Power In Vah	102 VAh capacity 104 VAh runtime
Battery Life	2...5 year(s)
Replacement Battery	<a href="#">RBC17</a>
Battery Graph Comments	This graph is based on actual measured runtime data. All measurements were taken with new, fully charged batteries and a balanced resistive load (PF = 1.0). Actual runtimes may vary from the values of this graph. Actual runtimes are dependent on several v
Extended Runtime	0

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

## General

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

## Physical

Colour	Black
Height	13.9 cm
Width	32.7 cm
Depth	10.5 cm
Net Weight	4.1 kg
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

## Input

Network Frequency	50/60 Hz +/- 3 Hz auto-sensing
Input Voltage Limits	92...139 V

## Output

Maximum Configurable Power In W	450 W
Output Frequency	50/60 Hz +/- 3 Hz sync to mains
Ups Type	Standby
Wave Type	Stepped approximation to a sinewave
Maximum Configurable Power In Va	850 VA
Transfer Time	6 ms typical : 10 ms maximum

## Conformance

Product Certifications	California Energy Commission (CEC) cTUVus
Equipment Protection Policy	Lifetime : \$75000

## Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 % non-condensing
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-15...45 °C
Storage Relative Humidity	10...90 %
Storage Altitude	0.00...15240.00 m
Acoustic Level	45 dBA

## Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Control Panel	LED status display with on line : on battery : replace battery and building wiring fault

## Surge Protection and Filtering

Surge Energy Rate	354 J
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## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	19.6 cm
Package 1 Width	16.8 cm
Package 1 Length	41.6 cm
Package 1 Weight	4.4 kg
Scc14	10731304325267
Pallet Unit Layers	16
Pallet Layers	5

## Contractual warranty

Warranty	3 years repair or replace
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Sustainability

**Green Premium™** label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Energy Efficient   Take-back   Transparency   RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="#">www.P65Warnings.ca.gov</a>